

## ANTI-AGING/MOISTURIZING ACTIVE INGREDIENTS Product Bulletin

### KROMACTIVE BOTOX POWDER

INCI Name: Acetyl Hexapeptide-3

#### Description

Kromactive BOTOX POWDER is a peptide which is a shortened version of Botulinum toxin (Botox), it is the hexapeptide with the sequence Ac-Glu-Glu-Met-Gln-Arg-Arg-NH<sub>2</sub>. Kromactive BOTOX POWDER is able to relax facial muscles to reduce tightening around cavities and other signs of ageing.

#### Product Identification

INCI Name: Acetyl Hexapeptide-3  
CAS number: 616204-22-9  
Formula: C<sub>34</sub>H<sub>60</sub>N<sub>14</sub>O<sub>12</sub>S

#### Typical properties (not intended as product specification)

Appearance	white powder
Identity by MS (Molecular Weight)	888.42±1
Assay	95-105%
Solubility	Soluble in water or 1% acetic acid
pH	3.5-5.5
Amino Acid Composition	±10%
Peptide Purity(HPLC)	95.0% by area integration
Water content (Karl Fischer)	5.0%
Acetate Content	15.0%

#### Properties

Kromactive BOTOX POWDER is an alternative to Botulinum Toxin topically targeting the same wrinkle-formation mechanism in a very different way.

#### Applications

Kromactive BOTOX POWDER is used in attempts to decrease the visible effects of aging by reducing the deep wrinkles and lines that occur around the forehead and eyes.

When applied as a solution to specific areas of the face, Kromactive BOTOX POWDER inhibits the reactions that cause muscles to move or contract for example when forming facial expressions such as smiling or frowning.

### **Formula Guidelines**

Typically used at a level of: 0.15-0.5% (powder)

### **Storage & Handlings**

Storage: the product may be stored for 12 months from the date of manufacture in the unopened original container and at room temperature. It should be protected from light, heat, oxygen and moisture if it is stored under 2-8°C. The product may be stored for 18 months from the date of manufacture. Keep container tightly closed. Once opened, use contents quickly.